

Docket No. LPTF03
US App. No. 10/502,269

IN THE CLAIMS:

1. (currently amended) An USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity, including an USB connector, a controller and a flash memory, characterized by in that: said USB connector and said controller are integrated as a memory body; the flash memory as a ~~the~~ physically-independent storage component is replaceably and directly attached to the body, and is electrically connected to the controller for the controller to read from or to write to the flash memory.

2. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by in that: said flash memory ~~part~~ is mounted on the body by means of guide channel.

3. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by in that: said flash memory ~~part~~ is mounted on the body by means of plug-in connection ~~or elastic fastener connection~~.

4. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by in that: said flash memory ~~part~~ is mounted on the body by means of elastic fastener connection.

5. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 4, characterized by in that: a elastic clasp is formed on ~~the~~ a housing of said flash memory ~~part~~, and a notch is ~~corresponsively~~ correspondingly formed on ~~the~~ a housing of said body.

6. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by in that: the electrical connection between said flash memory ~~part~~ and said controller is elastic tip-touch connection or plug-in connection.

7. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by in that: the electrical connection between said flash memory ~~part~~ and said controller is the connection of standard USB interface.

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8. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by in that: a dismountable back cover is provided in ~~the~~ a rear side of ~~the~~ a housing of the body; a chamber for flash memory ~~part~~ is provided between the body and the back cover, a ~~the~~ flash memory ~~part~~ is contained within ~~placed in~~ the chamber.

9. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 8, characterized by in that: said back cover is mounted on the body by means of guide channel or clasp.

10. (currently amended) The USB removable memory with replaceable storage medium for optional upgrade and extension of the storage capacity according to claim 1, characterized by in that: said body is provided with write/read status control switch whose control terminal is connected with ~~the~~ a lead wire of the controller.